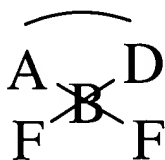


AMENDMENTS TO THE CLAIMS:

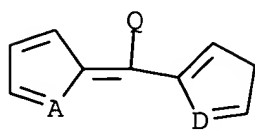
This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An organic light emitting diode device comprising a substrate bearing a ~~single organic layer structures~~sandwiched between an anode and a ~~cathode electrode structures~~, wherein said layer structure consists of a ~~the~~ single organic layer ~~comprises~~comprising a hole transporter, an electron transporter and a light emitter, optionally an electrode modifying layer between the single organic layer and the anode , and optionally an inorganic electrode modifying layer between the single organic layer and the cathode, and wherein either or both of the electron transporter and the light emitter comprises a material of general formula I



Formula I

wherein $\overset{\text{A}}{\text{---}}\text{D}$ is selected from the following:

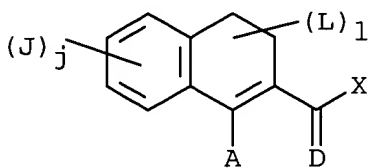


wherein A and D are both N, and the ring systems are,

independently of each other, optionally substituted with one or two or three groups

independently selected from C1 - C8 straight chain or branched chain alkyl or

alkoxy; Q is CN or H or C₁₋₈ straight chain or branched chain alkyl;



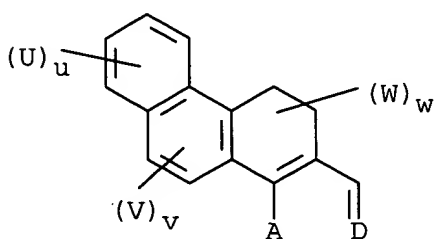
wherein A and D are O or N, X is C₁₋₅ straight chain or

branched chain alkyl or alkoxy and the ring systems are, independently of each

other, optionally substituted with one or more groups J and L independently

selected from C1 - C8 straight chain or branched chain alkyl or alkoxy wherein j is

selected from 0-4 and l is selected from 0-2;



wherein A and D are O or N and the ring systems

are, independently of each other, optionally substituted with one or more groups

U, V, W independently selected from C1 - C8 straight chain or branched chain

alkyl or alkoxy wherein u is 0-4, v is 0-2 and w is 0-2;

~~wherein the organic layer is a single layer.~~

2. (Currently Amended) A device according to claim 1 wherein at least one of the anode and the cathode~~electrodes~~ has an electrode modifying layer ~~in conjunction with the single organic layer~~ at the electrode/organic layer interface.

3. (Original) A device according to claim 2 wherein there are electrode modifying layers at both electrode/organic layer interfaces.

4. (Currently Amended) A device according to claim 2 wherein the anode is the electrode modifying layer closest to the substrate ~~is the anode~~.

5. (Currently Amended) A device according to claim 14 wherein there is an electrode modifying layer adjacent to the anode comprising either PEDOT or polyaniline.

6. (Currently Amended) A device according to claim 2 wherein the cathode is the electrode furthest from the substrate ~~is the cathode~~.

7. (Currently Amended) A device according to claim 16 wherein there is an electrode modifying layer adjacent to the cathode comprising either MgF_2 or LiF .

8. (Currently Amended) A device according to claim 71 wherein the cathode is made from Al, Al alloy, Mg or MgAg.

9. (Previously Amended) A device according to claim 1 wherein the organic layer additionally includes a semi-conducting polymer.

10. (Previously Amended) A device according to claim 1 wherein the organic layer additionally includes at least a further one of a hole transporter, an electron transporter or a light emitter.

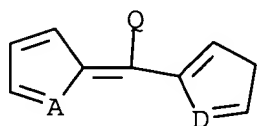
11. (Currently Amended) A device according to claim 1 wherein the organic layer further additionally includes a substantially non-conducting polymer and at least one of a further a hole transporter, an electron transporter or a light emitter.

12 (New) An organic light emitting diode device comprising a substrate bearing a layer structure between an anode and a cathode, wherein said layer structure consists of a single organic layer comprising a hole transporter, an electron transporter and a light emitter, optionally an electrode modifying layer between the single organic layer and the anode, and optionally an electrode modifying layer between the single organic layer and the cathode, wherein said electrode modifying layer(s), if present, does not provide any of the functions of electron transport, hole transport or light emitting, and wherein either or both of the electron transporter and the light emitter comprises a material of general formula I



Formula I

wherein $\overline{A \quad D}$ is selected from the following:

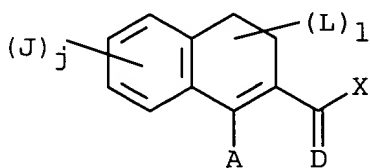


wherein A and D are both N, and the ring systems are,

independently of each other, optionally substituted with one or two or three groups

independently selected from C1 - C8 straight chain or branched chain alkyl or

alkoxy; Q is CN or H or C₁₋₈ straight chain or branched chain alkyl;



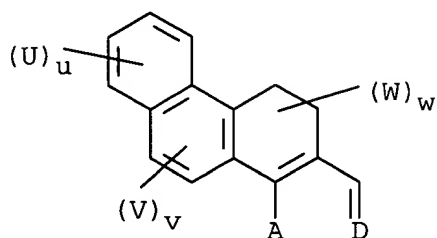
wherein A and D are O or N, X is C₁₋₅ straight chain or

branched chain alkyl or alkoxy and the ring systems are, independently of each

other, optionally substituted with one or more groups J and L independently

selected from C1 - C8 straight chain or branched chain alkyl or alkoxy wherein j is

selected from 0-4 and l is selected from 0-2;



wherein A and D are O or N and the ring systems

are, independently of each other, optionally substituted with one or more groups

U, V, W independently selected from C1 - C8 straight chain or branched chain

alkyl or alkoxy wherein u is 0-4, v is 0-2 and w is 0-2.